

Title (en)
Axle assembly for railway vehicles

Title (de)
Achseinheit für Schienenfahrzeuge

Title (fr)
Ensemble-essieu pour véhicules ferroviaires

Publication
EP 0965511 A3 20000322 (DE)

Application
EP 99110344 A 19990528

Priority
DE 19823980 A 19980529

Abstract (en)
[origin: EP0965511A2] The first respective member of the epicycle gears (5,6,7,8;5',6',7',8') of the wheel sets is coupled rotationally proof respectively with a vehicle wheel (1,1') across a respective wheel shaft (4,4'). A second respective member (7) rotating in the same direction is coupled with the corresponding member (7') across a shaft (9). A third member (6) is coupled rotating counter with the corresponding member (6') across a reversing drive (13). So that the rpm of the members coupled rotating in the same direction corresponding to a multiple of the sum of the absolute rpm of both vehicle wheels independent of their relative rpm. The rpm of the counter rotating connected members corresponds to a multiple of the relative rpm of the vehicle wheels, independent of the absolute rpm.

IPC 1-7
B61C 9/50; **B61F 3/16**; **B61F 5/38**; **B61C 15/14**

IPC 8 full level
B61C 9/50 (2006.01); **B61C 15/14** (2006.01); **B61F 3/16** (2006.01); **B61F 5/38** (2006.01); **F16H 48/06** (2006.01); **F16H 48/30** (2012.01); **B60K 17/04** (2006.01)

CPC (source: EP)
B61C 9/50 (2013.01); **B61F 3/16** (2013.01); **B61F 5/38** (2013.01); **F16H 3/724** (2013.01); **F16H 37/0806** (2013.01)

Citation (search report)
• [X] EP 0770533 A1 19970502 - LINKE HOFMANN BUSCH GES MIT BE [DE]
• [A] US 5017183 A 19910521 - TERAOKA MASAO [JP]
• [A] GB 201921 A 19240529 - KAREL WILLEM GERARD JOHAN STOF

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WO2006079418A1; JP2013258819A; EP1199237A1; JP2017118735A; US7854674B2; US10279812B2; WO2007033739A3

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